SMP7PM - Supervised Power Supply/Charger

Rev. DSSMP7PM - 07122012

SMP7PM

Overview

This Altronix supervised power supply/charger converts a low voltage AC input into a 12VDC or 24VDC output. This unit has a wide range of applications for access control, security and CCTV system accessories that require additional power.

Specifications

Input:
- Input 28VAC.

Output:
- 12VDC or 24VDC selectable output.
- 6 amp supply current.
- Filtered and electronically regulated outputs.
- Short circuit and thermal overload protection.

Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Maximum charge current 0.7 amp.
- Zero voltage drop when switching over to battery backup.

Supervision:
- AC fail supervision (form "C" contacts).

Supervision *(cont'd)*:
- Battery presence and low battery supervision (form "C" contacts).

Visual Indicators:
- AC input and DC output LED indicators.

Electrical:
- Operating temperature: 0º C to 49º C ambient.
- BTU/Hr.:
  - 12VDC: 23 BTU/Hr.
  - 24VDC: 43 BTU/Hr.
- System AC input VA requirement: 184VA.

Mechanical:
- Product weight (approx.): 2.45 lbs. (1.11 kg.).
- Shipping weight (approx.): 2.75 lbs. (1.25 kg.).

Board Dimensions *(L x W x H) (approximate)*:

4.266" (108.36mm) x 7.045" (178.95mm) x 2.127" (54.05mm)